

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 32 (Canceled).

Claim 33 (New): Wound dressing, wherein they display from 19 to 56% of one or more structural proteins, chosen from collagen, gelatine, derivatives or mixtures thereof, 18 to 58% of one or more structural polysaccharides, chosen from chitosan and (or) chitosan derivatives or mixtures thereof, 0.5 to 10% polycarbonic acids, 0.1 to 15 % polyfunctional amino acids, 0 to 10% active substances, 0 to 30% excipients and/or additives, and 0.2 to 5% cross-linking agents.

Claim 34 (New): Wound dressing according to claim 33, wherein the polycarbonic acid is chosen from: lactic acid, malic acid, succinic acid, malonic acid, fumaric acid, ascorbic acid, glutaminic acid, salicylic acid, pyrrolidone carbonic acid or mixtures thereof.

Claim 35 (New): Wound dressing according to claim 33, wherein as the polyfunctional amino acid the following are present: arginine, methionine, proline, taurine, glycine, alanine, cysteine, N-acetyl cysteine or mixtures thereof.

Claim 36 (New): Procedure for the production of a wound dressing, containing 19 to 56% of one or more structural proteins, chosen from collagen, gelatine, derivatives or mixtures thereof, 18 to 58% of one or more structural polysaccharides, chosen from chitosan and (or) chitosan derivatives or mixtures thereof, 0.5 to 10% polycarbonic acids, 0.1 to 15% polyfunctional amino acids, 0 to 10% active substances, 0.2 to 5% cross-linking agents, 0 to 30 % excipients and/or additives, wherein to an aqueous solution of the polysaccharide a polycarbonic acid is added and to an aqueous solution of a structural protein is added the same or a different polycarbonic acid, subsequently both polymer solutions are dialyzed together and then polyfunctional amino acids and active substances, cross-linking agents, additives and excipients of the dialyzed reaction mixture are added if necessary.

Claim 37 (New): Procedure according to claim 36, wherein collagen of various origin is used as the structural protein.

Claim 38 (New): Procedure according to claim 37, wherein gelatine type A and type B are used as the structural protein.

Claim 39 (New): Procedure according to claim 38, wherein high-molecular gelatine with a Bloom value of greater than 200 is used.

Claim 40 (New): Procedure according to claim 36, wherein chitosan, its water-soluble derivatives or mixtures thereof are used as the polysaccharide.

Claim 41 (New): Procedure according to claim 36, wherein chitosan with a molecular weight of greater than 200 kDa is used.

Claim 42 (New): Procedure according to claim 36, wherein as the polycarbonic acid succinic acid, lactic acid, malic acid, malonic acid, fumaric acid, ascorbic acid, glutaminic acid, salicylic acid, pyrrolidone carbonic acid or their mixtures are used.

Claim 43 (New): Procedure according to claim 36, wherein the ratio of polycarbonic acids to high-molecular substances used is 1 : 4 to 2 : 1.

Claim 44 (New): Procedure according to claim 38, wherein the solutions of structural polysaccharides, in particular chitosan and structural proteins, are mixed together at least 12 hours before dialysis.

Claim 45 (New): Procedure according to claim 36, wherein dialysis against water takes place in a volume ratio of polymer solution to water of at least 1 : 100 over the course of more than 16 hours.

Claim 46 (New): Procedure according to claim 36, wherein polyfunctional amino acids are added to the dialysed solutions.

Claim 47 (New): Procedure according to claim 36, wherein as polyfunctional amino acids arginine, proline, glutamate, taurine, glycine cysteine, N-acetylcysteine are used.

Claim 48 (New): Procedure according to claim 47, wherein the polyfunctional amino acids are used in concentrations of 0.1 - 15%.

Claim 49 (New): Procedure according to claim 36, glutaraldehyde is used as the bifunctional cross-linking agent.

Claim 50 (New): Procedure according to claim 36, wherein as the pharmacologically active substance superoxide dismutase and/or catalase of various origin is used.

Claim 51 (New): Procedure according to claim 50, wherein superoxide dismutase and/or catalase are used in a concentration of 0.001 to 0.1% to the polymer base.

Claim 52 (New): Procedure according to claim 36, wherein as the pharmacologically active substance β -carotene of various origin is used.

Claim 53 (New): Procedure according to claim 52, wherein β -carotene in liposomal form is used as the pharmacologically active substance.

Claim 54 (New): Procedure according to claim 52, wherein β -carotene is used in a concentration of 0.001 to 0.05 % to the polymer base.

Claim 55 (New): Procedure according to claim 36, wherein as excipients antibacterial substances chosen from chlorhexidine, PolySept, polihexanide, plasticizers, high-molecular substances, that guarantee adhesion to the wound surface and/or excipients that influence the excretion of pharmaceutically active substances are used.

Claim 56 (New): Procedure according to claim 55, wherein antibacterial substances are used in a concentration of 0.01 to 0.6 % to the polymer base.

Claim 57 (New): Procedure according to claim 55, wherein the additives/excipients are added to the dialysate in a concentration of 10 - 30%.

Claim 58 (New): Procedure according to claim 57, wherein polyvinyl alcohol and polyvinylpyrrolidone are used as excipients.

Claim 59 (New): Use of a wound dressing in accordance with claim 33 for the production of an agent for the accelerated healing of post-traumatic and surgical wounds.

Claim 60 (New): Use of a wound dressing according to claim 33 for the production of an agent, wherein the healing of first to third degree burns is accelerated.

Claim 61 (New): Use of a wound dressing according to claim 33 for the production of an agent, wherein the healing of infected or chronic wounds of various etiology is accelerated.

Claim 62 (New): Use of a wound dressing according to 33, for the accelerated healing of post-traumatic and surgical, infected, chronic wounds or burns.